

**SYSTEM OR METHOD
FOR SEGMENTING IMAGES**

ABSTRACT OF THE DISCLOSURE

The disclosed system identifies the images of particular objects or organisms (“segmented image” or “target image”) from images that include the segmented image and the surrounding area (collectively, the “ambient image”). Instead of attempting to merely segment the target image from the ambient image, the system purposely “over-segments” the ambient image into various image regions. Those image regions are then selectively combined into the segmented image using a predefined heuristic that incorporates logic relating to the particular context of the processed image. In some embodiments, different combinations of image regions are evaluated on the basis of probability-weighted classifications.